

01919 U.S. PTO
08/25/03

PTO/SB/05 (03-01)
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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	66638/37454
First Inventor	Smith
Title	State Space Wavefront Reconstructor for Adaptive Optics Control
Express Mail Label No.	EV 328616921 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☐ Applicant claims small entity status. See 37 CFR 1.27.
- ☒ Specification [Total Pages No. 25]
 - (preferred arrangement set forth below)
 - ☒ Descriptive title of the invention
 - ☒ Cross Reference to Related Applications
 - ☐ Statement Regarding Fed sponsored R & D
 - ☐ Reference to sequence listing, a table, or a computer program listing appendix
 - ☒ Background of the invention
 - ☒ Brief Summary of the invention
 - ☒ Brief Description of the Drawings (if filed)
 - ☒ Detailed Description
 - ☒ Claim(s)
 - ☒ Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets No. 2]
- Oath or Declaration [Total Pages No. 2]
 - ☒ Newly executed (original or copy)
 - ☐ Unexecuted
 - ☐ Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(v).

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ paper
 - ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☒ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney (unexecuted) (when there is an assignee)
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☒ Certificate of Express Mailing
- ☐ Other: _____

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. _____
Prior application information: Examiner _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	 21888 PATENT TRADEMARK OFFICE		or <input checked="" type="checkbox"/> Correspondence address below
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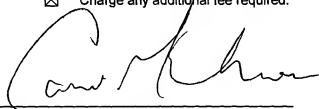
Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: ASSISTANT COMMISSIONER FOR Patents, Box Patent Application, Washington, DC 20231.

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PATENT APPLICATION FEE DETERMINATION RECORD				Application or Docket Number 66638/37454					
CLAIMS AS FILED - PART I				SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
		(Column 1)	(Column 2)						
FOR	NUMBER FILED	NUMBER EXTRA		RATE	FEE			RATE	FEE
BASIC FEE (37 CFR 1.16(a))					\$ 0	OR			\$750.00
TOTAL CLAIMS (37 CFR 1.16(c))	46	minus 20 =	• 26	x \$	=	OR		x \$	18.00 468.00
INDEPENDENT CLAIMS (37 CFR 1.16(b))	3	minus 3 =	• 0	x \$	= 0.00	OR		x \$	84.00 0.00
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))				+	= 0.00	OR		+	\$ 280.00= 0.00
* If the difference in column 1 is less than zero, enter "0" in column 2				TOTAL		OR		TOTAL	1218.00

- ☒ Check in the amount \$ _____ (filing fee) is attached.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 20-0823 as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$1218.00 for the patent filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.



Dated: August 25, 2003

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PATENT TRADEMARK OFFICE

I certify that the document and fee is being deposited on August 25, 2003 with the U.S. Postal Service as Express Mail under 37 CFR 1.10 and is addressed to the BOX PATENT APPLICATION, Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Express Mail No. EV 328615521 US



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Typed or Printed Name of Person Mailing Correspondence